

(12)

VLSI ARRAY PROCESSOR
R & D STATUS REPORT

AD A124910

DARPA ORDER NO. 4001

CONTRACT NO. N00014-80-C-0693

CONTRACT DATE: August 1, 1980

PRINCIPAL INVESTIGATOR: Ed Greenwood

PHONE: (602)949-3394

November 19, 1982

REPORTING PERIOD - June 30, 1982 thru November 15, 1982

APPROVED BY:



Bob Pfeiffer
Section Manager
Secure Processor Systems

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DISTRIBUTION STATEMENT A
Approved for public release;
Distribution Unlimited

1. APU chip fabrication and verification
2. Integration and checkout of APU chip in demonstration system
3. Demonstration system interoperation with Lincoln Lab terminal
4. APU chip microcode assembler and simulator
5. Demonstration system macro assembler
6. Demonstration system microcode assembler
7. Demonstration system microcode simulator

Of the above items, numbers 4, 5, and 6 have been completed. Until items 1 and 2 are completed, no more effort is being expended on items 3 and 7. However, at this time we expect to complete all of the above items.

The following activities are planned for the rest of November and December.

1. Complete fabrication of the first lot of APU devices
2. Verify LSI APU tests with the APU breadboard

No technical problems are foreseen at this time. A funds expenditure report is attached.

Date Prepared October 13, 1982
 Contract No. N00014-80-C-0693
 Contractor Motorola Inc. GEG

Summary Work Package Title Array Process
 Report Month September 1982

FUNDS EXPENDITURE REPORT

Column A ORIGINAL PROPOSAL	Column B Latest Accepted Revised Proposals (if any)	Column C Reporting Month Expenditures	Column D Cumulative Expenditures To Date			Column E Cost Complete estimate ..	Column F Latest Cost Estimate (D2 plus E) ..
			D1 Total Man Hours	D2 Dollar Value	D3 Percentage Dollar Value		
1. DIRECT LABOR							
Type No. of Hours@							
Dollar Total							
Total Direct Labor	246014	4102	14542	221733	90.1	24281	246014
Overhead	229245	3652		210205	91.7	19040	229245
Total direct labor & O'Head	475259	7754		431938	90.9	43321	475259
2. MATERIALS & PARTS	524842	6784		430145	82.0	94697	524842
3. TRAVEL EXPENSE	19032	305		11160	58.6	7872	19032
4. COST OF MONEY	33225	558		28158	84.7	5067	33225
5. GEN & ADMN	203775	6876		173569	85.2	30206	203775
6. OTHER COSTS	98867	1167		80684	81.6	18183	98867
TOTAL COSTS	1355000	23444		1155654	85.3	199346	1355000
7. FIXED FEE (OR PROFIT)	99000	127		98050	99.0	950	99000
TOTAL CONTRACT PRICE	1454000	23571		1253704	86.2	200296	1454000
***OUTSTANDING COMMITMENTS	-	-		116702	-	(116702)	-
TOTAL COMMITMENTS AND EXPENDITURES	1454000	23571		1370406	94.2	83594	1454000

O/S MAT'L
 OTHER